

ABSTRACT

The present invention relates to a mobile communication system in which variable bandwidths are set in this manner, and a base station controller for setting these variable bandwidths. A base station controller sends a value indicating a requested bandwidth required for a channel of variable bandwidth to a base station. The base station, upon receiving the request, returns a response of an allocatable bandwidth equal to or lower than the requested bandwidth, to the base station controller. The base station controller, upon receiving the response, sets the channel of variable bandwidth between a mobile station and the base station, and between the base station and the base station controller, according to the allocatable bandwidth.